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Sequence Listing was accepted.
If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).
Reviewer: Durreshwar Anjum
Timestamp: [year=2009; month=1; day=4; hr=9; min=24; sec=44; ms=870; ]
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Application No: 10516361   Version No: 4.0

Input Set:

Output Set:

Started: 2008-12-22 15:41:49.630

Finished: 2008-12-22 15:41:50.676

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 46 ms

Total Warnings: 6

Total Errors: 0

No. of SeqIDs Defined: 36

Actual SeqID Count: 36

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (32)

<210>   1
<211>   20
<212>   DNA
<213>   Artificial

<220>
<223>   Forward PCR primer for amplification of a target sequence chosen
        arbitrarily and made from Sequence ID Nos. 3 and 4.

<400>   1
acttaagtta gagcgtttgc   20

<210>   2
<211>   20
<212>   DNA
<213>   Artificial

<220>
<223>   Forward PCR primer for amplification of a target sequence chosen
        arbitrarily and made from Sequence ID Nos. 3 and 4.

<400>   2
tggtagtatg tgatttagtc   20

<210>   3
<211>   40
<212>   DNA
<213>   Artificial

<220>
<223>   Arbitrarily chosen sequences. Bases 27 to 40 are complementary to

<400>   3
tacacttaag ttagagcgtt tgcgcccact acgacggttg   40

<210>   4
<211>   44
<212>   DNA
<213>   Artificial

<220>
<223>   Arbitrarily chosen sequences. Bases 27 to 40 are complementary to
        bases 31 to 44 of Sequence ID No. 4. DNA polymerase extension of
        annealed Sequence ID Nos. 3 and 4 results in the target sequence.

<400>   4
gtttttgtgg tagtatgtga tttagtcatt caaccgtcgt agtg   44

<210>   5
<211>   20
<212>   DNA
<213>   Artificial

<220>
<223>   Forward PCR primer for amplification of a target sequence chosen
        arbitrarily and made from Sequence ID Nos. 3 and 4. Base t at
        base position 18 from 5' end has fluorophore FAM.

<400>   5
acttaagtta gagcgtttgc   20

<210>   6
<211>   19
<212>   DNA
<213>   Leishmania donovani

<400>   6
acggagcggc tgaaggtgc   19

<210>   7
<211>   27
<212>   DNA
<213>   Leishmania donovani

<400>   7
aggtgcatcc acttgtcctg cacctgc   27

<210>   8
<211>   21
<212>   DNA
<213>   Leishmania donovani

<400> 8
aggcagatgg cgcctgcctc g   21

<210> 9
<211> 25
<212> DNA
<213> Leishmania donovani

<400> 9
atgcggcgct gtagtacccc gcatc   25

<210> 10
<211> 20
<212> DNA
<213> Leishmania donovani

<400> 10
ggggtactac agcgccctga   20

<210> 11
<211> 28
<212> DNA
<213> Leishmania donovani

<400> 11
atggccatgt cctggaagat ggccatgg   28

<210> 12
<211> 29
<212> DNA
<213> Leishmania donovani

<400> 12
atggccatcg tcctggaaga tggccatgg   29

<210> 13
<211> 20
<212> DNA
<213> Leishmania donovani

<400> 13
gtcctggaag atggccatgg   20

<210> 14
<211> 20
<212> DNA
<213> Leishmania donovani

<400> 14
ctgcacacgg agcggctgaa   20

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<210>   15
<211>   20
<212>   DNA
<213>   Leishmania donovani

<400>   15
ggacgagctc atggcgcctg                                                    20


<210>   16
<211>   20
<212>   DNA
<213>   Leishmania donovani

<400>   16
gtcctgttca ccttccactg                                                    20


<210>   17
<211>   19
<212>   DNA
<213>   Leishmania donovani

<400>   17
gctcatggcg cctgcctcg                                                     19


<210>   18
<211>   19
<212>   DNA
<213>   Leishmania donovani

<400>   18
gcgtgtagta ccccgcatc                                                     19


<210>   19
<211>   20
<212>   DNA
<213>   Leishmania donovani

<400>   19
ggggtactac agcgccctga                                                    20


<210>   20
<211>   20
<212>   DNA
<213>   Leishmania donovani

<400>   20
gtcctggaag atggccatgg                                                    20


<210>   21
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```
<211>  18
<212>  DNA
<213>  Leishmania donovani

<400>  21
ggggtactac agcgccct                                                    18


<210>  22
<211>  29
<212>  DNA
<213>  Leishmania donovani

<400>  22
atggccatcg tcctggaaga tggccatgg                                        29


<210>  23
<211>  29
<212>  DNA
<213>  Leishmania donovani

<400>  23
atggccatcg tcctggaaga tggccatgg                                        29


<210>  24
<211>  19
<212>  DNA
<213>  Leishmania donovani

<400>  24
gctcatggcg cctgcctcg                                                   19


<210>  25
<211>  20
<212>  DNA
<213>  Leishmania donovani

<400>  25
gtcctggaag atggccatgg                                                  20


<210>  26
<211>  20
<212>  DNA
<213>  Leishmania donovani

<400>  26
gtcctggaag atggccatgg                                                  20


<210>  27
<211>  20
<212>  DNA
<213>  Escherichia coli
```

<400> 27
tgaattcaat ctcgcaaacg   20

<210> 28
<211> 26
<212> DNA
<213> Escherichia coli

<400> 28
atcggatccc aaatgcctga ggccag   26

<210> 29
<211> 20
<212> DNA
<213> Escherichia coli

<400> 29
ggcaatgaaa agccacttct   20

<210> 30
<211> 20
<212> DNA
<213> Escherichia coli

<400> 30
ttaaccggcg attgagtacc   20

<210> 31
<211> 20
<212> DNA
<213> Escherichia coli

<400> 31
agccttatga cgtgcagctt   20

<210> 32
<211> 70
<212> DNA
<213> ARTIFICIAL SEQUENCE

<220>
<223> SYNTHETIC CONSTRUCT

<400> 32
gtttttgtgg tagtatgtga tttagtcatt caaccgtcgt agtgggcgca aacgctctaa   60

cttaagtgta   70

<210> 33
<211> 48

<212> DNA
<213> Leishmania donovani

<400> 33
tgcggggtac tacagcgccc tgaccatggc catcttccag gacctcgg   48

<210> 34
<211> 40
<212> DNA
<213> Leishmania donovani

<400> 34
acggagcggc tgaaggtgcg gcaggtgcag gacaagtgga   40

<210> 35
<211> 36
<212> DNA
<213> Leishmania donovani

<400> 35
atggcgcctg cctcggatgc ggggtactac agcgcc   36

<210> 36
<211> 610
<212> DNA
<213> Leishmania donovani

<400> 36
tgcacacgga gcggctgaag gtgcggcagg tgcaggacaa gtggaaggtg acgggcatgg   60

gcaacgagat ctgtggccac ttcaaggtgc cgccggcgca catcaccgat ggcctgagca   120

acaccgactt cgtgatgtac gtcgcctccg tgccgagcga gggggatgtg ctggcgtggg   180

ccacgacctg ccaggtgttc tctgacggcc atccagccgt gggcgtcatc aacatccccg   240

cggcgaacat tgcgtcgcgg tacgaccagc tggtgacgcg tgtcgtcacg cacgagatgg   300

cgcacgcgct cggcttcagc gtcgtcttct tccgagacgc ccgcatcctg gagagcattt   360

cgaacgttcg gcacaaggac ttcgatgttc ccgtgatcaa cagcagcacg gcggtggcga   420

aggcgcgcga gcagtacggc tgcggcacct tggagtatct ggagatggag gaccagggcg   480

gtgcgggctc cgccgggtcg cacatcaaga tgcgcaacgc gcaggacgag ctcatggcac   540

ctgcctcgga tgcggggtac tacagcgccc tgaccatggc catcttccag gacctcggct   600

tctaccaggc   610